

# REFRIGERATORS and FREEZERS

for  
LABORATORY



ARGO  
LAB

COOL  
FREDDO

# ARGO FREDDO

**ARGO FREDDO** is the latest project in the ArgoLab family.

**Professional refrigerators and freezers** for laboratory use, with electronically controlled digital display, temperature alarms, open door and manual and automatic defrosting (FR series).

Flexible and easy-to-use refrigerated instruments, **the internal parameters can be adjusted according to even the most restrictive requirements.**

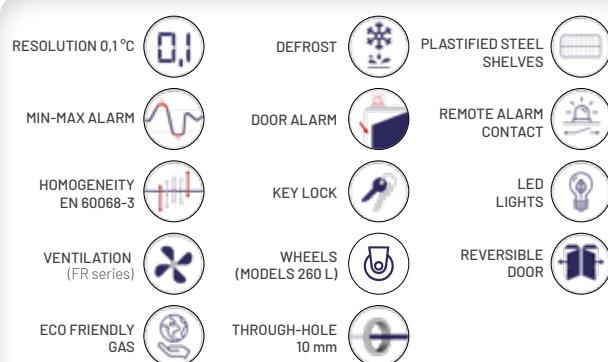
Highly efficient compressors utilize environmentally friendly refrigerants with low global warming potential (GWP), free of CFCs and HCFCs, in compliance with European environmental regulations, such as the **F-Gas Regulation (EU) 517/2014**.

The internal dynamic ventilation system ensures the best conditions for storing even the most sensitive materials, in accordance with **regulation EN 60068-3-5**.

**100 litres + 200 litres**



## FEATURES



## FRZ 300 Combined refrigerator-freezer

Reliable and versatile, designed for maximum control when storing sensitive materials.

**300 litre capacity** offers ample space and storage flexibility for different laboratory needs.

It is equipped with a **10 mm through-hole** in both **chambers** for the insertion of external sensors.

refrigerators

# FR

litres

**110 | 260**

temperature range

+2,0 — +8,0 °C

freezers

# FZ

litres

**110 | 260 | 300**

temperature range

-25,0 — -10,0 °C

Combined refrigerator-freezer

# FRZ

litres

**300**

temperature range

-25,0 — -10,0 °C  
+2,0 — +8,0 °C



## FZ 300 P chest freezer.

300-litre capacity, designed for the safe storage of sensitive samples.

Equipped with a digital display with **precision electronic control** and three levels of alarms: audible, visual and remote with potential-free contact for monitoring.

Includes **drain valve, safety lock, 10 mm through-hole** and **two** durable and easy-to-clean plastic-coated **steel drawers**.

The **swivel** and **lockable wheels** ensure practical handling even in confined spaces.



## G MODELS - GLASS DOOR

G models are supplied with a **glass door**, very useful feature when it is necessary to keep **visual control of the samples inside**.

## CONTROLLER

micropressor and controller with **simple and intuitive interface**; tenth of degree resolution for accurate control using NTC-type probes.

Units of measurement: °C or °F



# TECHNICAL DATA SHEET



	<b>FR 110</b>	<b>FR 110 G</b>	<b>FR 260</b>	<b>FR 260 G</b>	<b>FZ 110</b>	<b>FZ 260</b>	<b>FRZ 300</b>	<b>FRZ 300G</b>	<b>FZ 300-P</b>						
<b>Usable volume [Litres]</b>		110	260		110	260	300 (200 FR + 100 FZ)		285						
<b>Temperature range / Resolution</b>		+2,0 ... +8,0 °C / 0,1 °C		-25,0 ... -10,0 °C / 0,1 °C		Fr: +2,0 ... +8,0 °C; FZ: -25,0 ... -10,0 °C		-25,0 ... -10,0 °C							
<b>Defrosting function</b>		Automatic and manual		Manual		Manual (FZ) Automatic (FR)		Manual							
<b>* Temperature variation in space</b>	1,3 °C (at 5°C)	1,7 °C (at 5°C)	1,9 °C (at 5°C)	2,2 °C (at 5°C)	2,5 °C (at -20°C)	2,1 °C (at -20°C)	1,0 °C (at 5°C)	1,2 °C (at 5°C)	±1,0°C (at -20°C)						
							1,0 °C (at 20°C)	1,0 °C (at 20°C)							
<b>* Gradient</b>	1,3 °C (at 5°C)	1,7 °C (at 5°C)	1,9 °C (at 5°C)	2,6 °C (at 5°C)	2,5 °C (at -20°C)	2,1 °C (at -20°C)	1,0 °C (at 5°C)	1,3 °C (at 5°C)	±1,0°C (at -20°C)						
							1,8 °C (at 20°C)	1,8 °C (at 20°C)							
<b>** Recovery time</b>	12 min (at 5°C)	9 min (at 5°C)	18 min (at 5°C)	18 min (at 5°C)	22 min (at -20°C)	30 min (at -20°C)	19 min (FR) - 26 min (FZ)		30 min						
<b>Refrigeration</b>	Dynamics (forced convection)			Statics (natural convection)		FR: Dynamics - FZ: Statics (forced convection) (natural convection)		Statics (natural convection)							
<b>Controller / display</b>	microprocessor / digital														
<b>Power supply</b>	220 - 240 V														
<b>Internal dimensions (L x W x H) mm</b>	500 x 420 x 570		500 x 450 x 1290		500 x 420 x 570	500 x 450 x 1290	FR: 510 x 490 x 730 FZ: 450 x 460 x 440		1080 x 480 x 590						
<b>External dimensions (L x W x H) mm</b>	600 x 560 x 805		600 x 560 x 1525		600 x 560 x 805	600 x 560 x 1525	600 x 610 x 1770		1280 x 770 x 890						
<b>Weight</b>	50 Kg		75 Kg		50 Kg	75 Kg	75 Kg		69 Kg						
<b>Number of shelves (supplied / max.)</b>	3 / 3		6 / 7		3 / 3	6 / 7	FR: 3 / 5 FZ: 2 / 3		2						
<b>Minimum distance between shelves</b>	13 mm						13 mm		Not applicable						
<b>Maximum shelf load</b>	15 Kg						15 Kg		15 Kg						
<b>Door</b>	Blind	Glass	Blind	Glass	Blind		Blind	Blind + Glass	Blind						
<b>Light</b>	LED														
<b>Hole diameter for probe passage</b>	10 mm														
<b>Power</b>	120 W		160 W		150 W	190 W	340 W		300 W						
<b>P/N</b>	41500012	41500022	41500032	41500042	41500212	41500232	41500102	41500112	41500302						

\* In accordance with regulation EN 60068-3    \*\* In accordance with technical directive DIN 12880



WARRANTY  
3  
YEARS

